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CAMP AND FIELD PRIVIES

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This plan, showing two types of privies, is one of a series prepared to aid farmers in the selection of farm-labor housing and equipment during the war emergency. These two privies are economical in design and require the minimum of critical materials. When constructed as shown on page 2, and properly located, they conform with the State Labor Housing and Sanitation Act. This act includes the following regulations: "Toilets should be at least 75 feet from kitchen and dining quarters .... There must be ... one seat for every fifteen persons ... and the structures made as fly-proof as possible by automatic drop seat covers."

Other regulations require that cracks must be battened and openings screened; earth should be well banked against the base of the privy to exclude flies.

Where people work in the field throughout the day, portable toilets must be provided. When men and women are working together, separate privies are necessary and these should be marked "men" and "women" respectively.

Floor and Seat

Any good grade of 1-inch lumber that will provide a tight floor and seat may be used. If available, a 12×16 inch sheet of galvanized iron should be placed forward of each seat as an inside lining on the seat front.

Smooth-surfaced lumber is recommended for the seats and the hinged covers, which should drop automatically in place when the seat is not occupied.

Door

The door should be well fitted to exclude flies and should close automatically by means of a coil or star spring, or spring hinges.

Portable Privy

The small portable privy, designed for field use, is the minimum recommended size. Two men can readily carry or truck it to a location in the orchard, vineyard, or field where labor is employed.

The door, wall, and roof framing is 1-inch material lapped and cleated together to form a rigid skeleton. The exterior, except the screened vents in the upper side walls, is covered with kraft paper. Split plaster lath or 1/4×3/4 inch wood strips are tacked to the framing to hold the paper securely in place.

Two-Seat Unit, with or without Urinal

This privy has sills of 2×6 inch material or larger, which should be of treated or decay-resistant lumber. Studding is not necessary, as the 1×12 inch boarding and rails will form rigid walls.

The urinal is made of two 1×12 inch vertical boards for the back, and one 1×12 inch horizontal board across the front. The inside is all protected by a metal lining, as shown in the perspective detail. The lining is preferably of zinc or galvanized iron. The bottom of the trough should slope slightly toward the seats, and liquid is conducted through an opening in the seat side wall by means of a small metal trough or pipe.

The urinal may be omitted, and a third seat constructed in its place; or the structure may be reduced to a common two-seat type.

Oil stain or paint will add to the general appearance of this unit.

Bill of Materials for 2-seat Unit and Urinal

Sills	2 pcs. 2"×6"—6', rot-resistant
Joists	2 pcs. 2"×4"—8'
Headers and bridging	3 pcs. 2"×4"—6'
Rails, rafters, plates, and cleats	9 pcs. 2"×4"—6'
	3 pcs. 2"×4"—8'
Walls and door	11 pcs. 1"×12"—14'
Roof boards	3 pcs. 1"×12"—14'
Seat and miscellaneous	2 pcs. 1"×12"—16'
Vent	1 pc. 1"×8"—10'
	1 pc. 1"×4"—14'
Cleats	1 pc. 1"×4"—18'
Floor and seat front	32 bd. ft. 1"×4" tongue-and-groove, 6' lengths
Battens	140 lin. ft. 1/2"×3" strips
Roofing paper	1/2 roll asphalt roofing paper
Nails and hardware	1 lb. 20d common wire nails
	5 lbs. 8d common wire nails
	1 lb. 6d common wire nails
	1/4 lb. 3d common wire nails for battens
	2 pr. 4" strap hinges for seat covers
	1 set storm-door hardware
	2 lin. ft. of 26" width, 16-mesh wire screen
	12 sq. ft. sheet metal for urinal and seat-front lining

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Rough Summary of Materials:

32 bd. ft. 1" flooring
266 bd. ft. other 1" lumber
83 bd. ft. 2" lumber
7 1/4 lbs. nails
Hardware $1.50

Cost:

Materials and labor for this unit will cost about $45.00.

Bill of Materials for Portable Privy

Sills and joists	1 pc. 2"× 4"—12'
Floor	4 bd. ft. 1"× 4" tongue-and-groove
Seat and cover	1 pc. 1"× 12"—12'
Corners	4 pcs. 1"× 4"—14'
Rails	3 pcs. 1"× 4"—12'
Rafters	1 pc. 1"× 4"—8'
Fillers	4 pcs. 1"× 2"—12'
Lath or battens	100 lin. ft. wood strips
Kraft paper	90 sq. ft. kraft sheathing

Nails and Hardware:

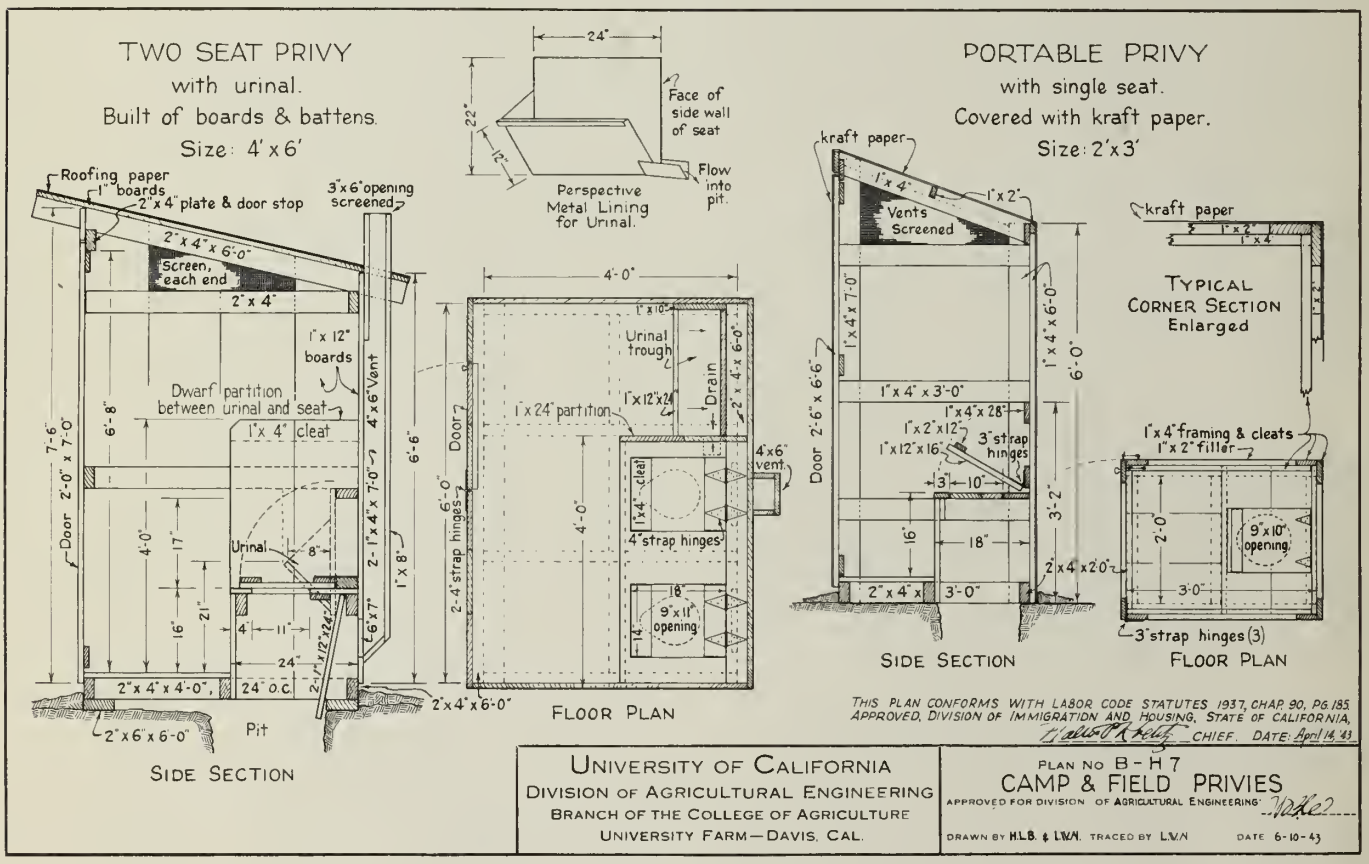
1/2 lb. 20d common wire nails
2 lbs. 6d common wire nails
1/2 lb. 3d common wire nails
1 set storm-door hardware
2 only, 3" strap hinges for seat cover
3 sq. ft. 16-mesh wire screen

Rough Summary of Materials:

4 bd. ft. 1" flooring
58 bd. ft. other 1" lumber
8 bd. ft. 2" lumber
3 lbs. nails
Hardware $0.50

Cost:

The total cost for materials and labor in the construction of this privy will be about $12.00.



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